

In the Claims

1. (Currently amended) A method for managing [[the]] ~~an~~ invocation of multiple versions of a J2EE program , stored on an application server, among multiple clients accessing the application server, using an identical service name for the invocation of the multiple versions of the J2EE program, comprising: interposing a JNDI proxy between each client and the application server; associating each client with one of said versions; and using said JNDI proxy, directing the version associated with a particular client to said particular client upon a request by said particular client for said J2EE program.

2. (Previously presented) The method of claim 1, wherein associating each client with one of said versions comprises: assigning an identical service name used by each client to access said J2EE program; assigning an alias name for each version of said J2EE program; and for each client, associating said identical service name with the version of said J2EE program to be used by each of said clients.

3. (Cancelled)

4. (Previously presented) The method of claim 2, wherein said J2EE program comprises one or more EJBs.

5. (Original) The method of claim 1, wherein said J2EE program comprises at least one JMS resource.

6. (Original) The method of claim 1, wherein said J2EE program comprises at least one JDBC datasource.

7. (Original) The method of claim 1, wherein said J2EE program is a system-oriented J2EE program.

8. (Currently amended) A computer-implemented system, having a processor, for managing the invocation of multiple versions of a J2EE program, stored on an application server, among multiple clients accessing the application server, using an identical service name for the invocation of the multiple versions of the J2EE program, comprising: a JNDI proxy interposed between each client and the application server; means for associating each client with one of said versions using said processor; and means for directing, using said JNDI proxy and said processor, the version associated with a particular client to said particular client upon a request by said particular client for said J2EE program.

9. (Previously presented) The system of claim 8, wherein said means for associating each client with one of said versions comprises: means for assigning an identical service name used by each client to access said J2EE program; means for assigning an alias name for each version of said J2EE program; and for each client, means for associating said identical service name with the version of said J2EE program to be used by each of said clients.

10. (Cancelled)

11. (Previously presented) The system of claim 9, wherein said J2EE program comprises one or more EJBs.

12. (Original) The system of claim 8, wherein said J2EE program comprises at least one JMS resource.

13. (Original) The system of claim 8, wherein said J2EE program comprises at least one JDBC datasource.

14. (Original) The system of claim 8, wherein said J2EE program is a system-oriented J2EE program.

15. (Previously presented) A computer program product for managing the invocation of multiple versions of a J2EE program, stored on an application server, among multiple clients accessing the application server, using an identical service name for the invocation of the multiple versions of the J2EE program, the computer program product comprising a computer-readable storage medium having computer-readable program code embodied in the medium, the computer-readable program code comprising: computer-readable program code that interposes a JNDI proxy between each client and the application server; computer-readable program code that associates each client with one of said versions; and computer-readable program code that directs, using said JNDI proxy, the version associated with a particular client to said particular client upon a request by said particular client for said J2EE program.

16. (Previously presented) The computer program product of claim 15, wherein said computer readable program code that associates each client with one of said versions comprises: computer-readable program code that assigns an identical service name used by each client to access said J2EE program; computer-readable program code that assigns an alias name for each version of said J2EE program; and computer-readable program code that for each client, associates said identical service name with the version of said J2EE program to be used by each of said clients.

17. (Cancelled)

18. (Previously presented) The computer program product of claim 16, wherein said J2EE program comprises one or more EJBs.

19. (Original) The computer program product of claim 15, wherein said J2EE program comprises at least one JMS resource.

20. (Original) The computer program product of claim 15, wherein said J2EE program comprises at least one JDBC datasource.

21. (Original) The computer program product of claim 15, wherein said J2EE program is a system-oriented J2EE program.

22. (Currently amended) A computer-implemented system, having a processor, for managing the invocation of multiple versions of a J2EE program, stored on an application server, among multiple clients accessing the application server, comprising: storing said multiple versions of said J2EE program in memory on a single application server; and selectively serving, using said processor, said multiple versions of said J2EE program to said clients based upon a version specified by said client.